

# **National Healthcare Agreement: PI 68-Proportion of health expenditure spent on health research and development, 2011**

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# National Healthcare Agreement: PI 68-Proportion of health expenditure spent on health research and development, 2011

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Progress measure
<b>Short name:</b>	PI 68-Proportion of health expenditure spent on health research and development, 2011
<b>METEOR identifier:</b>	421567
<b>Registration status:</b>	<a href="#">Health</a> , Superseded 31/10/2011
<b>Description:</b>	Proportion of health expenditure spent on health research and development.
<b>Indicator set:</b>	<a href="#">National Healthcare Agreement (2011)</a> <a href="#">Health</a> , Superseded 31/10/2011
<b>Outcome area:</b>	<a href="#">Sustainability</a> <a href="#">Health</a> , Standard 07/07/2010
<b>Data quality statement:</b>	<a href="#">National Healthcare Agreement: PI 68-Proportion of health expenditure spent on health research and development, 2011 QS</a> <a href="#">Health</a> , Superseded 04/12/2012

## Collection and usage attributes

<b>Computation description:</b>	<p>Health research and development expenditure comprises health research expenditure, excluding that funded by private business, undertaken at tertiary institutions, in private non-profit organisations and in government facilities that has a health socioeconomic objective (Health socio-economic objective defined by Division 92 in the Socio-economic classification of the 2008 ABS and Statistics New Zealand Australian and New Zealand Standard Research Classification (ABS and Statistics New Zealand (2008) Cat no. 1297.0).</p> <p>Excludes commercially oriented research carried out or funded by private business, the costs of which are assumed to be included in the prices charged for the goods and services (e.g. medications that have been developed and/or supported by research activities).</p> <p>Presented as numerator, denominator and percentage.</p>
<b>Computation:</b>	$100 \times (\text{Numerator} \div \text{Denominator})$
<b>Numerator:</b>	Health research and experimental development expenditure

**Numerator data elements:****Data Element / Data Set****Data Element**

Health research and experimental development expenditure

**Data Source**

[AIHW health expenditure database](#)

**NMDS / DSS**

[Government health expenditure NMDS 2008-09](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

[Establishment—establishment type, sector and services provided code AN.N{.N}](#)

**Data Source**

[AIHW health expenditure database](#)

**NMDS / DSS**

[Public hospital establishments NMDS 2009-10](#)

**Guide for use**

Data source type: Administrative by-product data

**Denominator:**

Total recurrent health expenditure

**Denominator data elements:**

**Data Element / Data Set**

[Establishment—establishment type, sector and services provided code AN.N{.N}](#)

**Data Source**

[AIHW health expenditure database](#)

**NMDS / DSS**

[Government health expenditure NMDS 2008-09](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

[Organisation—purchase of goods and services, total Australian currency NNNNN.N](#)

**Data Source**

[AIHW health expenditure database](#)

**NMDS / DSS**

[Government health expenditure NMDS 2008-09](#)

**Guide for use**

Data source type: Administrative by-product data

**Data Element / Data Set**

[Organisation—employee related expenses, total Australian currency NNNNN.N](#)

**Data Source**

[AIHW health expenditure database](#)

**NMDS / DSS**

[Government health expenditure NMDS 2008-09](#)

**Guide for use**

Data source type: Administrative by-product data

**Disaggregation:**

2007–08 and 2008–09—State and territory (numerator/denominator/percentage)

**Disaggregation data elements:**

**Data Element / Data Set**

[Jurisdiction—Australian state/territory identifier, code N](#)

**Data Source**

[AIHW health expenditure database](#)

**NMDS / DSS**

[Government health expenditure NMDS 2008-09](#)

**Guide for use**

Data source type: Administrative by-product data

**Comments:** The AIHW estimates of research expenditure are derived from unpublished ABS data collected in the ABS Surveys of research and experimental development (8111.0 Research and Experimental Development, Higher Education Organisations, 2006–07 and 2008–09; and 8109.0 Research and Experimental Development, Government and Private Non-Profit, Australia, 2006–07 and 2008–09). These data are available every two years. For in-between years, AIHW makes estimates based on interpolation.

Most recent data available for 2011 CRC report: 2007–08 (updated as necessary for revised total health expenditure estimates) and 2008–09.

## Representational attributes

**Representation class:** Percentage

**Data type:** Real

**Unit of measure:** Currency

**Format:** N.N

## Indicator conceptual framework

**Framework and dimensions:** [Efficiency & Sustainability](#)  
[Effectiveness](#)

## Data source attributes

**Data sources:**

### Data Source

[AIHW health expenditure database](#)

### Frequency

Annual

### Data custodian

Australian Institute of Health and Welfare

## Accountability attributes

**Reporting requirements:** National Healthcare Agreement

**Organisation responsible for providing data:** Australian Institute of Health and Welfare

**Further data development / collection required:** Specification: Long-term

## Relational attributes

**Related metadata references:** Supersedes [National Healthcare Agreement: P68-Proportion of health expenditure spent on health research and development, 2010](#)  
[Health](#), Superseded 08/06/2011

Has been superseded by [National Healthcare Agreement: PI 68-Proportion of recurrent health expenditure spent on health research and development, 2012](#)  
[Health](#), Retired 25/06/2013

See also [National Healthcare Agreement: PI 66-Public health program expenditure as a proportion of total health expenditure, 2011](#)  
[Health](#), Superseded 31/10/2011

See also [National Healthcare Agreement: PI 67-Capital expenditure on health and aged care facilities as a proportion of capital consumption expenditure on health and aged care facilities, 2011](#)  
[Health](#), Superseded 31/10/2011

